SARAS ARYA

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A Brief Overview

- ➢ Currently working as a Full Stack Software Lead at Metaiot Technologies Pvt. Ltd.
- ➢ Graduated from VELLORE INSTITUTE OF TECHNOLOGY- VELLORE, pursued B.Tech in Computer Science and Engineering from 2011-2015 securing 8.97 CGPA.

Work Experience

November 9 , 2015 - Present Day - Full Stack Software lead at Metaiot Technologies
Role :
- Developing IoT Applications for the Automotive Sector.
- Interfacing the hardware and the web app.
- Developing the web-app with micro services architecture.
- Enable horizontal scalability and high availability by using concepts like sharding and replication.
- Developed a hybrid mobile app with Ionic which is available on Google Play Store and Apple store.
- Responsible for setting up hardware and writing scripts to automate tasks on server end.
- Setting up Nginx and handling the security of the apps on the VPN.

Tech Used : MongoDB, ExpressJS, AngularJS, NodeJS, Docker,Nginx.

July 6, 2015 – November 6,2015 – Software Engineer in Scheduling – Revenue Cycle, Cerner Corporation.
Role: Handling migration of Scheduling Software from C++ to Java.
Technology Used: Java, SWT, JFace.

January 15, 2015 – July 3rd, 2015 – Internship at Cerner Corporation.
Role: Backend and UI of Cerner's Software CareAware- iCommand.
Tech Used: Java, Eclipse RCP, SWT, JFace.

December 3, 2013-January 2, 2014 - Internship at Hi-Tech Robotic Systemz Ltd.
Role : Simulations Engineer.
Tech Used : OSRF - ROS, Gazebo.

Growth Path:

Year	Marks
B.tech CGPA	8.96
12th Std	86.5% P.C.M- 89.9%
10th Std	85.4%

Knowledge Purview:

Compiled Languages - C, C++, Java

Scripting Languages - Python, JavaScript.

Server Side Languages - PHP, Node.Js

Database - MySQL, MongoDB , Redis,

Web Framework : ExpressJS

Front end Framework : AngularJS(1.x)

Testing Libraries : Mocha and Chai, Karma and Jasmine

Mobile Development : Ionic Framework(1.x)

Agile Development Process, Scrum

Eclipse RCP, SWT, Jface, Google Maps API

Version Control : SVN and Git

Activities

➢ Former President and Technical head of Technology and Gaming Club in VIT. Took it from an unknown club in VIT to one of the most sought after club's in VIT. Check it out here(https://www.facebook.com/tagvitu)

➢ Member Of the AI Club in VIT University in which I did projects in field of Artificial Intelligence and Machine Learning.

➢ Conducted numerous Workshops on varied subjects like Game Algorithms, General Game Playing, Introduction to Python , Game Programming in Python and Web Development (HTML,CSS, Javascript, Node.js and MongoDB).

➢ Organiser of Events and Web Design at VIT 's Techfest - Gravitas'14.

Courses Completed:

Calculus - Coursera

Computer Networks - Coursera

Compilers - Coursera

Machine Learning - Coursera

Interactive Python Programming - Coursera

MongoDB for Node.js Developers

MongoDB for DBA's

MongoDB for Advanced Deployment and Operation

Links to my Profile .

Github : https://github.com/SarasArya

Stack overflow : http://stackoverflow.com/users/3320962/saras-arya

LinkedIn : https://in.linkedin.com/in/sarasarya